

U.S. **UTILITY** Patent Application

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| O.I.P.E.       | PATENT DATE |
| NS IK3 Q.A. TC |             |

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|------------------------------|------------|--------------------------------|--------------------|-------------------------------------|------------------------|
| APPLICATION NO.<br>09/822491 | CONT/PRIOR | CLASS<br><del>324</del><br>360 | SUBCLASS<br>324.12 | ART UNIT<br><del>2858</del><br>2652 | EXAMINER<br>Noyen, Joe |
|------------------------------|------------|--------------------------------|--------------------|-------------------------------------|------------------------|

## APPLICANTS

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**TITLE**

Way to improve hard bias properties for an abutted junction GMR recording head

PTO-2040  
12/99

## ISSUING CLASSIFICATION

[illegible]

|   |  |  |   |           |
|---|--|--|---|-----------|
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>   | <b>DRAWINGS</b><br>Sheets Drwg.      Figs. Drwg.      Print Fig. |  | <b>CLAIMS ALLOWED</b><br>Total Claims      Print Claim for O.G. |           |
|   |  |  |   |           |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.                      | _____<br>(Assistant Examiner)      (Date)                        |  | <b>NOTICE OF ALLOWANCE MAILED</b>                               |           |
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|   |  |  | Amount Due  | Date Paid |
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| _____<br>(Legal Instruments Examiner)      (Date)   |  |  |   |           |

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